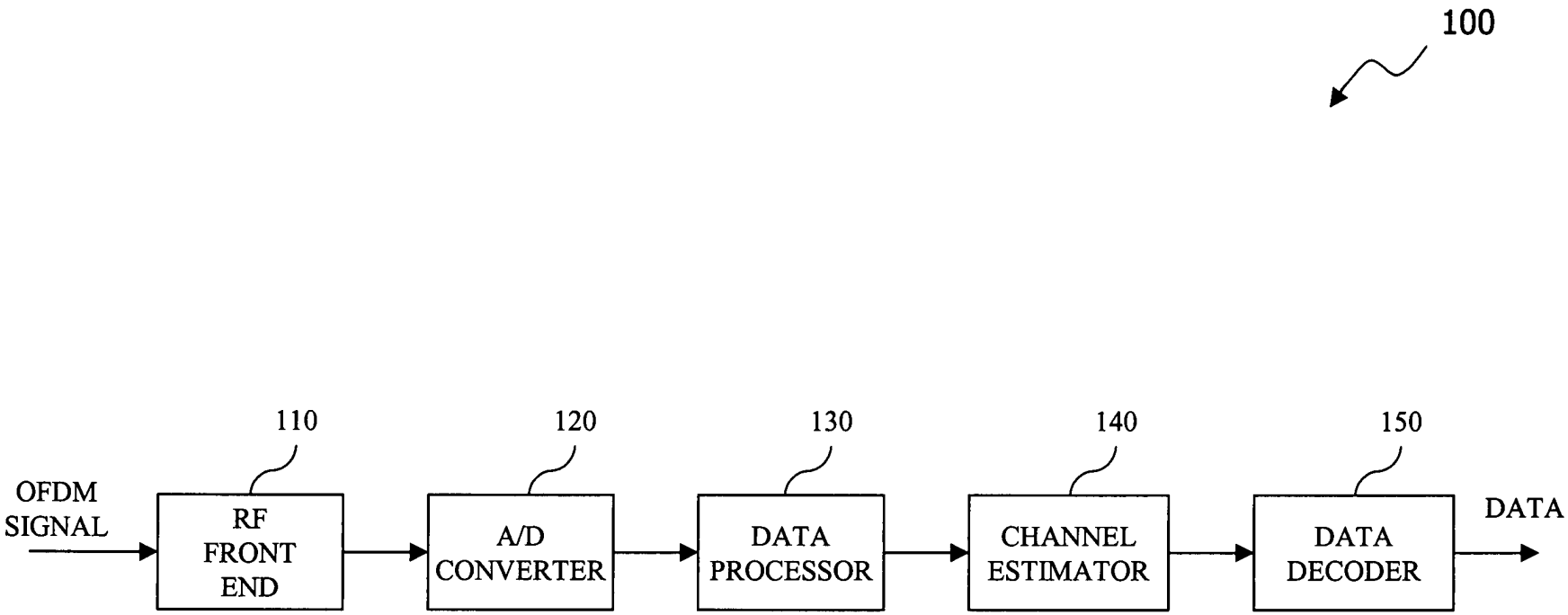
100
110
120
130
140
150
OFDM SIGNAL
RF FRONT END
A/D CONVERTER
DATA PROCESSOR
CHANNEL ESTIMATOR
DATA DECODER
DATA

FIGURE 1

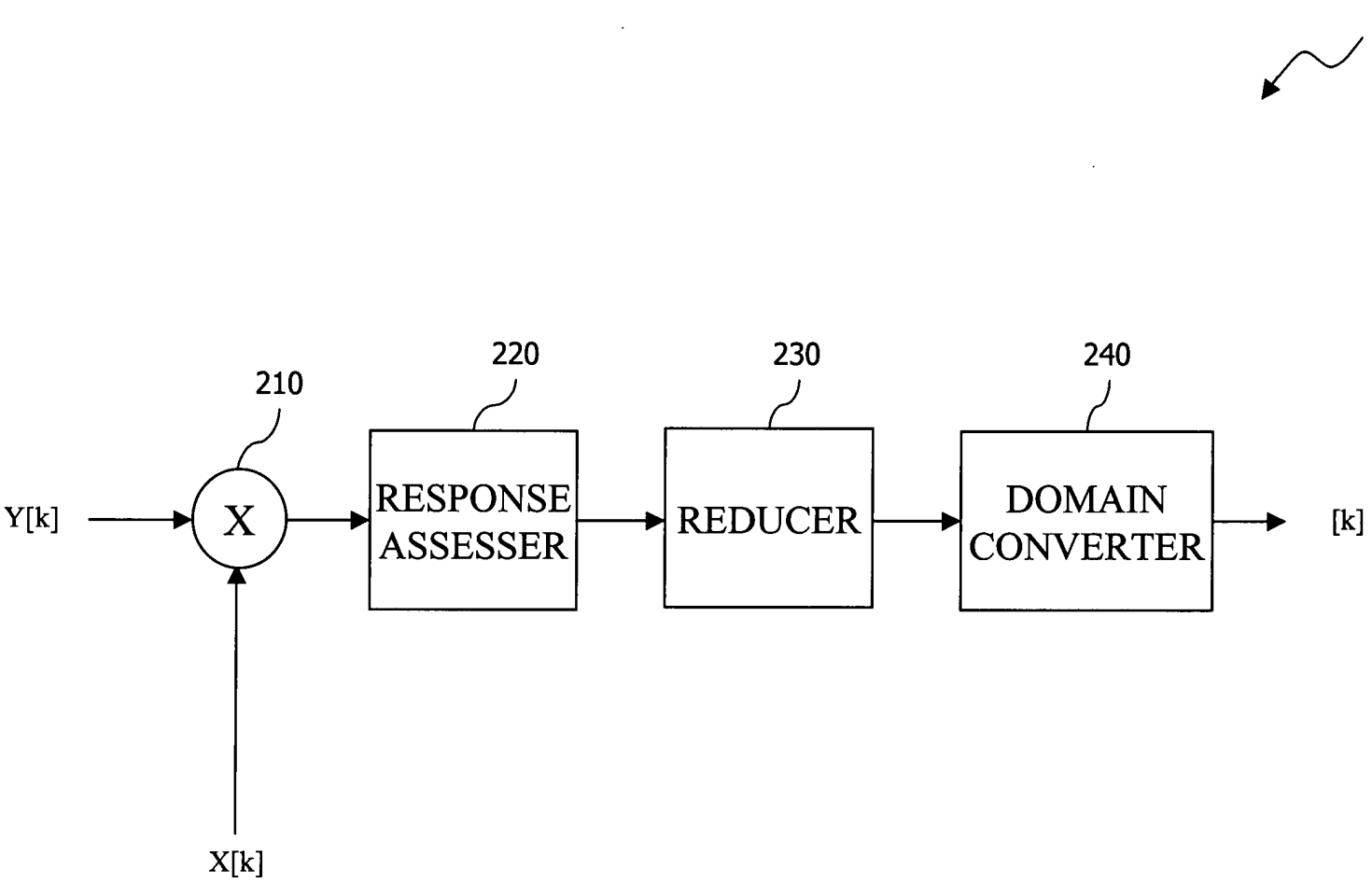
200
210
220
230
240
Y[k]
X
RESPONSE ASSESSER
REDUCER
DOMAIN CONVERTER
[k]
X[k]

FIGURE 2

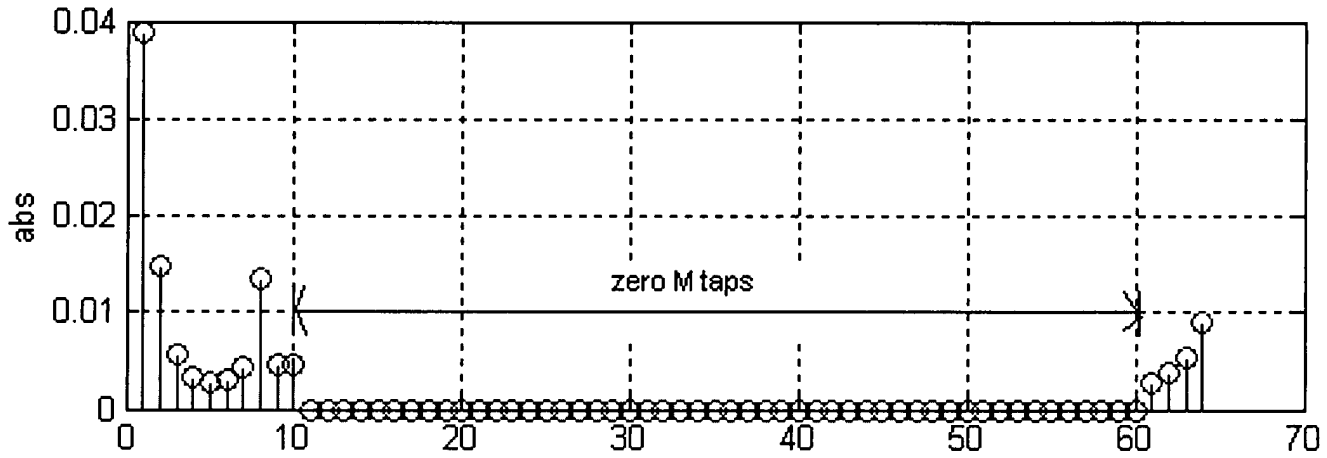

FIGURE 3

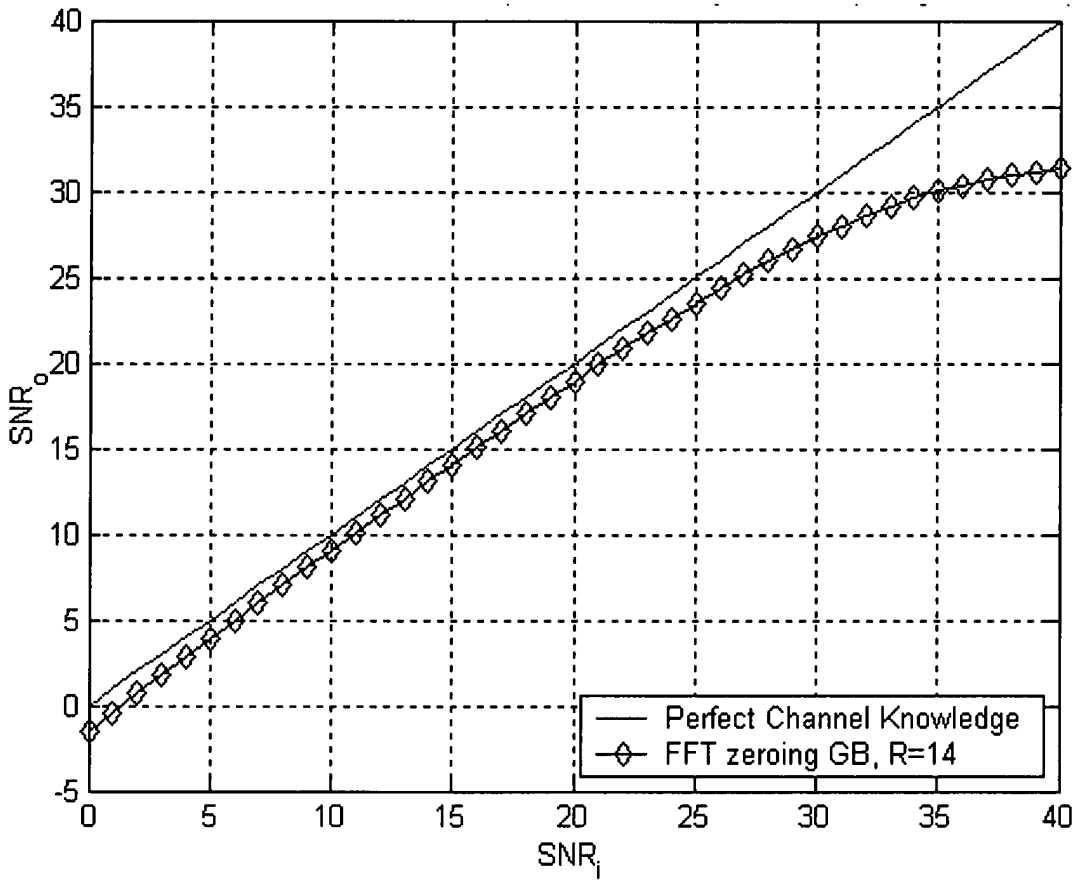
40
35
30
25
20
15
10
5
0
-5
0
5
10
15
20
25
30
35
40
SNR$_o$
SNR$_i$
Perfect Channel Knowledge
FFT zeroing GB, R=14

FIGURE 4